## WHAT IS CLAIMED IS:

| 1  | <ol> <li>A method for adding a participant to a</li> </ol> |
|----|--|
| 2  | conference call, said method comprising:                   |
| 3  | in response to a multipoint controller receiving a         |
| 4  | request to extend an invitation to an ongoing              |
| 5  | conference call to a first terminal:                       |
| 6  | establishing a Call Optimization Application               |
| 7  | (COA) channel between a Multipoint                         |
| 8  | Controller-Call Optimization Application                   |
| 9  | (MC-COA) and a Call Optimization                           |
| 10 | Application co-resident with the first                     |
| 11 | terminal (Terminal-COA), said establishing                 |
| 12 | a COA channel effected via instant                         |
| 13 | messaging following an address resolution;                 |
| 14 | exchanging cost information data between the               |
| 15 | Terminal-COA and the MC-COA;                               |
| 16 | determining an optimal media transport channel             |
| 17 | origination strategy in response to the                    |
| 18 | cost information data;                                     |
| 19 | sending the Terminal-COA an invitation to join             |
| 20 | the conference call, said invitation                       |
| 21 | having associated information consonant                    |
| 22 | with the optimal media transport channel                   |
| 23 | origination strategy;                                      |
| 24 | receiving, with the MC-COA, a message from the             |
| 25 | Terminal-COA containing human user input                   |
| 26 | received in response to the invitation to                  |
| 27 | join; and  |
| 28 | responding to the message containing the human             |
| 29 | user input.  |

5

6

| _  |  |
|----|--|
| 1  | 2. The method of Claim 1, wherein said                 |
| 2  | establishing a Call Optimization Application (COA)     |
| 3  | channel further includes:                              |
| 4  | obtaining a connection address of the terminal to be   |
| 5  | added; and   |
| 6  | associating the connection address with a non-media-   |
| 7  | transport-channel-supporting connection                |
| 8  | address, wherein the non-media-transport-              |
| 9  | channel-supporting connection address includes         |
| 10 | an instant messaging service identifier.               |
| 1  | 3. The method of Claim 1, wherein said                 |
| 2  | establishing a Call Optimization Application (COA)     |
| 3  | channel further includes:                              |
| 4  | establishing an instant messaging connection.          |
| 1  | 4. The method of Claim 1, wherein said exchanging      |
| 2  | cost information data between the Terminal-COA and the |
| 3  | MC-COA further includes:                               |
| 4  | gathering, with the Terminal-COA, cost information     |
| 5  | related to the first terminal originating the          |
| 6  | media transport channel.                               |
| 1  | 5. The method of Claim 1, wherein said exchanging      |
| 2  | cost information data between the Terminal-COA and the |
| 3  | MC-COA further includes:                               |

1 6. The method of Claim 1, wherein said exchanging 2 cost information data between the Terminal-COA and the

32

media transport channel.

gathering, with the MC-COA, cost information related

to the multipoint controller originating the

3 MC-COA further includes:

2

3

4

5

6

7

8

9

- sending, over the COA channel, cost information related to the first terminal originating the media transport channel.
- 7. The method of Claim 1, wherein said determining an optimal media transport channel origination strategy in response to the cost information data further includes:
- the multipoint controller comparing costinformation.
  - 8. The method of Claim 1, wherein said sending the Terminal-COA an invitation to join the conference call, said invitation having associated information consonant with the optimal media transport channel origination strategy further includes:
    - sending a request that the first terminal originate a media transport channel with the multipoint controller, if it has been determined to be most cost effective for the first terminal to originate the media transport channel.
- 9. The method of Claim 1, wherein said sending the Terminal-COA an invitation to join the conference call, said invitation having associated information consonant with the optimal media transport channel origination strategy further includes:
- sending a request that the first terminal originate
  a media transport channel with the multipoint
  controller, unless specific instructions not to
  send the request have been received.
- 1 10. The method of Claim 1, wherein said sending the 2 Terminal-COA an invitation to join the conference call,

| 3  | said invitation having associated information consonant |
|----|---|
| 4  | with the optimal media transport channel origination    |
| 5  | strategy further includes:                              |
| 6  | sending a token having at least one field selected      |
| 7  | from the group comprising a token ID field, a           |
| 8  | conference ID field, a network address field, a         |
| 9  | password field, a call initiator field, and an          |
| 10 | other conference call participants' names               |
| 11 | field.  |
|    |   |
| 1  | 11. The method of Claim 1, wherein said receiving,      |
| 2  | with the MC-COA, a message from the Terminal-COA        |
| 3  | containing human user input received in response to the |
| 4  | invitation to join further includes:                    |
| 5  | receiving a message that the human user has rejected    |
| 6  | the invitation.   |
|    |   |
| 1  | 12. The method of Claim 1, wherein said responding      |
| 2  | to the message containing the human user input further  |
| 3  | includes:   |
| 4  | sending a message from the MC-COA to the multipoint     |
| 5  | controller informing the multipoint controller          |
| 6  | that the invitation to join the conference call         |
| 7  | has been rejected.                                      |
| 1  | 13. The method of Claim 1, wherein said receiving,      |
| 2  | with the MC-COA, a message from the Terminal-COA        |
|    |   |
| 3  | containing human user input received in response to the |
| 4  | invitation to join further includes:                    |
| 5  | receiving a message that the human user has accepted    |
| 6  | the invitation to join but has declined a               |

request to initiate a media transport channel.

3

4

- 1 14. The method of Claim 13, wherein said responding 2 to the message containing the human user input further 3 includes:
- sending a message from the MC-COA to the multipoint 4 5 controller informing the multipoint controller 6 that the multipoint controller is to originate a media transport channel with the first 7 8 terminal, in response to the message that the 9 human user has accepted the invitation to join but has declined a request to initiate a media 10 11 transport channel.
  - 15. The method of Claim 1, wherein said receiving, with the MC-COA, a message from the Terminal-COA containing human user input received in response to the invitation to join further includes:

receiving a message that the human user has accepted
the invitation to join and has accepted a
request to initiate a media transport channel.

- 1 16. The method of Claim 15, wherein said responding 2 to the message containing the human user input further 3 includes:
- sending a message from the MC-COA to the multipoint

  controller informing the multipoint controller

  that the first terminal will be calling in "as

  if" first terminal were joining a "meet-me"

  conference call, in response to the message

  that the human user has accepted the request to

  initiate the media transport channel.
  - 1 17. The method of Claim 15, wherein said responding 2 to the message containing the human user input further 3 includes:

- sending a message from the MC-COA to the multipoint

  controller informing the multipoint controller

  that the first terminal will be calling in and

  authenticating itself with token information,

  in response to the message that the human user

  has accepted the request to initiate the media

  transport channel.
- 1 18. The method of Claim 17, wherein the token 2 information is unique to the first terminal and provides 3 a security mechanism such that access to the conference 4 call is controlled.

| 19. The method of Claim 15, wherein said responding    |
|--|
| to the message containing the human user input further |
| includes:  |
| sending a message from the MC-COA to the multipoint    |
| controller informing the multipoint controller         |
| that the first terminal will be calling in and         |
| authenticating itself with token information,          |
| and that the first terminal desires to bill the        |
| call against another entity, in response to the        |
| message that the human user has accepted the           |
| request to initiate the media transport                |

channel.

| 1  | 20. A system comprising:                         |
|----|--|
| 2  | means, responsive to a multipoint controller     |
| 3  | receiving a request to extend an invitation to   |
| 4  | an ongoing conference call to a first terminal   |
| 5  | for:   |
| 6  | establishing a Call Optimization Application     |
| 7  | (COA) channel between a Multipoint               |
| 8  | Controller-Call Optimization Application         |
| 9  | (MC-COA) and a Call Optimization                 |
| 10 | Application co-resident with the first           |
| 11 | terminal (Terminal-COA), said means for          |
| 12 | establishing a COA channel effected via          |
| 13 | instant messaging following an address           |
| 14 | resolution;                                      |
| 15 | exchanging cost information data between the     |
| 16 | Terminal-COA and the MC-COA;                     |
| 17 | determining an optimal media transport channel   |
| 18 | origination strategy in response to the          |
| 19 | cost information data;                           |
| 20 | sending the Terminal-COA an invitation to join   |
| 21 | the conference call, said invitation             |
| 22 | having associated information consonant          |
| 23 | with the optimal media transport channel         |
| 24 | origination strategy;                            |
| 25 | receiving, with the MC-COA, a message from the   |
| 26 | Terminal-COA containing human user input         |
| 27 | received in response to the invitation to        |
| 28 | join; and  |
| 29 | responding to the message containing the human   |
| 30 | user input.                                      |
| 1  | 21. The system of Claim 20, further comprising:  |
| 2  | a network server computer having the system; and |

| 3  | said network server computer including at least one       |
|----|---|
| 4  | processor and at least one memory.                        |
|    |   |
| 1  | 22. The system of Claim 20, wherein said means for        |
| 2  | establishing a Call Optimization Application (COA)        |
| 3  | channel further includes:                                 |
| 4  | means for obtaining a connection address of the           |
| 5  | terminal to be added; and                                 |
| б  | means for associating the connection address with a       |
| 7  | non-media-transport-channel-supporting                    |
| 8  | connection address, wherein the non-media-                |
| 9  | transport-channel-supporting connection address           |
| 10 | includes an instant messaging service                     |
| 11 | identifier.   |
|    |   |
| 1  | 23. The system of Claim 20, wherein said means for        |
| 2  | establishing a Call Optimization Application (COA)        |
| 3  | channel further includes:                                 |
| 4  | means for establishing an instant messaging               |
| 5  | connection.   |
| _  |   |
| 1  | 24. The system of Claim 20, wherein said means for        |
| 2  | exchanging cost information data between the Terminal-COA |
| 3  | and the MC-COA further includes:                          |
| 4  | means for gathering, with the Terminal-COA, cost          |
| 5  | information related to the first terminal                 |
| 6  | originating the media transport channel.                  |
| 1  | 25. The system of Claim 20, wherein said means for        |
| 2  | exchanging cost information data between the Terminal-COA |
| 3  | and the MC-COA further includes:                          |
| 4  | means for gathering, with the MC-COA, cost                |
| 5  | information related to the multipoint                     |
| 6  | controller originating the media transport                |
| 7  | channel   |

| 1  | 26. The system of Claim 20, wherein said means for        |
|----|---|
| 2  | exchanging cost information data between the Terminal-COA |
| 3  | and the MC-COA further includes:                          |
| 4  | means for sending, over the COA channel, cost             |
| 5  | information related to the first terminal                 |
| 6  | originating the media transport channel.                  |
|    |   |
| 1  | 27. The system of Claim 20, wherein said means for        |
| 2  | determining an optimal media transport channel            |
| 3  | origination strategy in response to the cost information  |
| 4  | data further includes:                                    |
| 5  | means for the multipoint controller to compare cost       |
| 6  | information.  |
|    |   |
| 1  | 28. The system of Claim 20, wherein said means for        |
| 2  | sending the Terminal-COA an invitation to join the        |
| 3  | conference call, said invitation having associated        |
| 4  | information consonant with the optimal media transport    |
| 5  | channel origination strategy further includes:            |
| 6  | means for sending a request that the first terminal       |
| 7  | originate a media transport channel with the              |
| 8  | multipoint controller, if it has been                     |
| 9  | determined to be most cost effective for the              |
| LO | first terminal to originate the media transport           |
| L1 | channel.  |
| -  |   |
| 1  | 29. The system of Claim 20, wherein said means for        |
| 2  | sending the Terminal-COA an invitation to join the        |
| 3  | conference call, said invitation having associated        |
| 4  | information consonant with the optimal media transport    |
| 5  | channel origination strategy further includes:            |
| 6  | means for sending a request that the first terminal       |
| 7  | originate a media transport channel with the              |
| 8  | multipoint controller, unless specific                    |

2

3

| 9  | instructions | not | to | send | the | request | have | been |
|----|--------------|-----|----|------|-----|---------|------|------|
| 10 | received.    |     |    |      |     |         |      |      |
|    |              |     |    |      |     |         |      |      |

- 30. The system of Claim 20, wherein said means for sending the Terminal-COA an invitation to join the conference call, said invitation having associated information consonant with the optimal media transport channel origination strategy further includes:
- means for sending a token having at least one field
  selected from the group comprising a token ID
  field, a conference ID field, a network address
  field, a password field, a call initiator
  field, and an other conference call
  participants' names field:
  - 31. The system of Claim 20, wherein said means for receiving, with the MC-COA, a message from the Terminal-COA containing human user input received in response to the invitation to join further includes:
  - 5 means for receiving a message that the human user 6 has rejected the invitation.
  - 1 32. The system of Claim 20, wherein said means for responding to the message containing the human user input further includes:
  - means for sending a message from the MC-COA to the
    multipoint controller informing the multipoint
    controller that the invitation to join the
    conference call has been rejected.
  - 33. The system of Claim 20, wherein said means for receiving, with the MC-COA, a message from the Terminal-COA containing human user input received in response to the invitation to join further includes:

3

4

- 5 means for receiving a message that the human user 6 has accepted the invitation to join but has 7 declined a request to initiate a media 8 transport channel.
- 1 34. The system of Claim 33, wherein said means for 2 responding to the message containing the human user input 3 further includes:
- means for sending a message from the MC-COA to the 4 5 multipoint controller informing the multipoint controller that the multipoint controller is to 6 originate a media transport channel with the 7 first terminal, in response to the message that 8 the human user has accepted the invitation to 9 join but has declined a request to initiate a 10 media transport channel. 11
  - 35. The system of Claim 20, wherein said means for receiving, with the MC-COA, a message from the Terminal-COA containing human user input received in response to the invitation to join further includes:
- 5 means for receiving a message that the human user 6 has accepted the invitation to join and has 7 accepted a request to initiate a media 8 transport channel.
- 36. The system of Claim 35, wherein said means for responding to the message containing the human user input further includes:
- means for sending a message from the MC-COA to the
  multipoint controller informing the multipoint
  controller that the first terminal will be
  calling in "as if" first terminal were joining
  a "meet-me" conference call, in response to the

- 9 message that the human user has accepted the 10 request to initiate the media transport 11 channel.
  - 37. The system of Claim 35, wherein said means for responding to the message containing the human user input further includes:
- means for sending a message from the MC-COA to the
  multipoint controller informing the multipoint
  controller that the first terminal will be
  calling in and authenticating itself with token
  information, in response to the message that
  the human user has accepted the request to
  initiate the media transport channel.
- 38. The system of Claim 37, wherein the token information is unique to the first terminal and provides a security mechanism such that access to the conference call is controlled.
  - 39. The system of Claim 35, wherein said means for responding to the message containing the human user input further includes:
- 4 means for sending a message from the MC-COA to the 5 multipoint controller informing the multipoint 6 controller that the first terminal will be 7 calling in and authenticating itself with token information, and that the first terminal 8 desires to bill the call against another 9 10 entity, in response to the message that the 11 human user has accepted the request to initiate 12 the media transport channel.

2

3

4

5

| 1  | 40. A method for adding a participant to a         |
|----|--|
| 2  | conference call, said method comprising:           |
| 3  | in response to a multipoint controller receiving a |
| 4  | request to extend an invitation to an ongoing      |
| 5  | conference call to a first terminal, attempting    |
| 6  | to establish, via instant messaging services, a    |
| 7  | Call Optimization Application (COA) channel        |
| 8  | between a Multipoint Controller-Call               |
| 9  | Optimization Application (MC-COA) and a Call       |
| 10 | Optimization Application co-resident with the      |
| 11 | first terminal (Terminal-COA).                     |
|    |  |

- 41. The method of Claim 40, wherein said attempting to establish, via instant messaging services, a Call Optimization Application (COA) channel further comprises: determining that the COA channel cannot be
- informing the multipoint controller that Call

  Optimization is unavailable, whereby

  substantially backwards compatibility with

  existing communications systems is achieved.
- 1 42. A system comprising:

established; and

2 means, responsive to a multipoint controller 3 receiving a request to extend an invitation to an ongoing conference call to a first terminal, 4 5 for attempting to establish, via instant messaging services, a Call Optimization 6 Application (COA) channel between a Multipoint 7 Controller-Call Optimization Application (MC-8 COA) and a Call Optimization Application co-9 resident with the first terminal (Terminal-10 COA). 11

8

9

10

1

2

11

6

- 1 43. The system of Claim 42, further comprising:
  2 a network server computer having the system; and
  3 said network server computer including at least one
  4 processor and at least one memory.
- 1 44. The system of Claim 42, wherein said means for 2 attempting to establish, via instant messaging services, 3 a Call Optimization Application (COA) channel further 4 comprises:
- 5 means for determining that the COA channel cannot be 6 established; and
  - means for informing the multipoint controller that

    Call Optimization is unavailable, whereby

    substantially backwards compatibility with

    existing communications systems is achieved.
  - 45. A method for accepting an invitation to an ongoing conference call, said method comprising:
- 3 receiving, with a Call Optimization Application coresident with a first terminal (Terminal-COA), 4 5 an invitation to the first terminal to join an ongoing conference call over a Call 6 7 Optimization Application (COA) channel established via instant messaging services; and 8 9 responding to the invitation to join in response to 10 human user input to an interface activated in
  - 46. The method of Claim 45, wherein said receiving, with a Call Optimization Application co-resident with a first terminal (Terminal-COA), an invitation to the first terminal to join an ongoing conference call over a Call Optimization Application (COA) channel established via

response to the invitation.

instant messaging services further includes:

47.

- receiving a token having at least one field selected 7 from the group comprising a token ID field, a 8 conference ID field, a network address field, a 9 password field, a call initiator field, and an 10 11 other conference call participants' names 12 field.
- The method of Claim 45, wherein said receiving, 1 with a Call Optimization Application co-resident with a 2 first terminal (Terminal-COA), an invitation to the first 3 terminal to join an ongoing conference call over a Call 4 Optimization Application (COA) channel established via 5 6 instant messaging services further includes: gathering cost information related to the first 7 terminal originating a media transport channel 8 with a multipoint controller; and 9 sending a message containing the cost information 10 from the Terminal-COA to a Multipoint-11 Controller Call Optimization Application (MC-12
  - The method of Claim 45, wherein said responding 1 2 to the invitation to join in response to human user input 3 to an interface activated in response to the invitation 4 further includes:

COA) over the COA channel.

- 5 sending a message containing the human user input from the Terminal-COA to a Multipoint-6 7 Controller Call Optimization Application (MC-8 COA) over the COA channel.
- The method of Claim 45, wherein said responding 1 49. 2 to the invitation to join in response to human user input to an interface activated in response to the invitation 3 4 further includes:

2

3

4

1

2

3

4

5 activating an interface which presents at least one 6 invitation option selected from the group 7 comprising accepting or rejecting an invitation to join an ongoing conference call, accepting 8 9 the invitation to join the ongoing conference 10 call but rejecting an invitation to originate a 11 media transport channel, and accepting the 12 invitation to join the ongoing conference call 13 and accepting the invitation to originate the 14 media transport channel.

50. The method of Claim 45, wherein said responding to the invitation to join in response to human user input to an interface activated in response to the invitation further includes:

sending a message indicative of the human user input
from the Terminal-COA to a Multipoint
Controller-Call Optimization Application (MCCOA) over the COA channel.

51. The method of Claim 45, wherein said responding to the invitation to join in response to human user input to an interface activated in response to the invitation further includes:

causing, with the Terminal-COA, the first terminal 5 6 to originate a media transport channel with a 7 multipoint controller and authenticate itself as if it were a "meet-me" conference call, in 8 9 response to user input indicating that an 10 invitation to join an ongoing conference call 11 has been accepted and that a request that the 12 first terminal originate the media transport 13 channel has been accepted.

| 1 | 52. The method of Claim 51, further comprising: |
|---|---|
| 2 | the first terminal authenticating itself by     |
| 3 | presenting token information, received by the   |
| 4 | Terminal-COA from the MC-COA, to the multipoint |
| 5 | controller.                                     |

1 53. A system comprising: 2 means for receiving, with a Call Optimization Application co-resident with a first 3 terminal (Terminal-COA), an invitation to the first terminal to join an ongoing 5 6 conference call over a Call Optimization 7 Application (COA) channel established via 8 instant messaging services; and 9 means for responding to the invitation to join 10 in response to human user input to an interface activated in response to the 11 invitation. 12 The system of Claim 53, further comprising: 1 54. a workstation computer having the system; and 2 3 said workstation computer having at least one 4 processor and at least one memory. 1 55. The system of Claim 53, wherein said means for 2 receiving, with a Call Optimization Application coresident with a first terminal (Terminal-COA), an 3 4 invitation to the first terminal to join an ongoing 5 conference call over a Call Optimization Application 6 (COA) channel established via instant messaging services

means for receiving a token having at least one
field selected from the group comprising a
token ID field, a conference ID field, a
network address field, a password field, a call
initiator field, and an other conference call
participants' names field.

1 56. The system of Claim 53, wherein said means for 2 receiving, with a Call Optimization Application co-

further includes:

11 12

resident with a first terminal (Terminal-COA), an 3 invitation to the first terminal to join an ongoing 4 conference call over a Call Optimization Application 5 (COA) channel established via instant messaging services б 7 further includes: means for gathering cost information related to the 8 first terminal originating a media transport 9 channel with a multipoint controller; and 10 means for sending a message containing the cost 11 information from the Terminal-COA to a 12 Multipoint-Controller Call Optimization 13 Application (MC-COA) over the COA channel. 14 The system of Claim 53, wherein said means for 57. 1 2 responding to the invitation to join in response to human user input to an interface activated in response to the 3 4 invitation further includes: 5 means for sending a message containing the human user input from the Terminal-COA to a 6 7 Multipoint-Controller Call Optimization 8 Application (MC-COA) over the COA channel. The system of Claim 53, wherein said means for 1 2 responding to the invitation to join in response to human 3 user input to an interface activated in response to the invitation further includes: 4 5 means for activating an interface which presents at 6 least one invitation option selected from the group comprising accepting or rejecting an 7 invitation to join an ongoing conference call, 8 9 accepting the invitation to join the ongoing

originate a media transport channel, and

conference call but rejecting an invitation to

accepting the invitation to join the ongoing

2

3

- 13 conference call and accepting the invitation to 14 originate the media transport channel.
  - 59. The system of Claim 53, wherein said means for responding to the invitation to join in response to human user input to an interface activated in response to the invitation further includes:
  - means for sending a message indicative of the human
    user input from the Terminal-COA to a
    Multipoint Controller-Call Optimization
    Application (MC-COA) over the COA channel.
    - 60. The system of Claim 53, wherein said means for responding to the invitation to join in response to human user input to an interface activated in response to the invitation further includes:
- means for causing, with the Terminal-COA, the first 5 terminal to originate a media transport channel 6 7 with a multipoint controller and authenticate itself as if it were a "meet-me" conference 8 9 call, in response to user input indicating that 10 an invitation to join an ongoing conference call has been accepted and that a request that 11 the first terminal originate the media 12 13 transport channel has been accepted.
  - 1 61. The system of Claim 60, further comprising:
    2 means for the first terminal to authenticate itself
    3 by presenting token information, received by
    4 the Terminal-COA from the MC-COA, to the
    5 multipoint controller.

| 1  | 62. A program product comprising:               |
|----|---|
| 2  | signal bearing media bearing program code,      |
| 3  | responsive to a multipoint controller receiving |
| 4  | a request to extend an invitation to an ongoing |
| 5  | conference call to a first terminal, for:       |
| 6  | establishing a Call Optimization Application    |
| 7  | (COA) channel between a Multipoint              |
| 8  | Controller-Call Optimization Application        |
| 9  | (MC-COA) and a Call Optimization                |
| 10 | Application co-resident with the first          |
| 11 | terminal (Terminal-COA) following an            |
| 12 | address resolution;                             |
| 13 | exchanging cost information data between the    |
| 14 | Terminal-COA and the MC-COA;                    |
| 15 | determining an optimal media transport channel  |
| 16 | origination strategy in response to the         |
| 17 | cost information data;                          |
| 18 | sending the Terminal-COA an invitation to join  |
| 19 | the conference call, said invitation            |
| 20 | having associated information consonant         |
| 21 | with the optimal media transport channel        |
| 22 | origination strategy;                           |
| 23 | receiving, with the MC-COA, a message from the  |
| 24 | Terminal-COA containing human user input        |
| 25 | received in response to the invitation to       |
| 26 | join; and                                       |
| 27 | responding to the message containing the human  |
| 28 | user input.                                     |
|    |   |

1 63. The program product of Claim 62, wherein said 2 signal bearing media further includes recordable media.

2

3

| 1 | 64     | 4.  | The  | program | product | : of | Claim   | 62,   | wherein  | said   |
|---|--------|-----|------|---------|---------|------|---------|-------|----------|--------|
| 2 | signal | bea | ring | media   | further | incl | ludes t | crans | smission | media. |
|   |        |     |      |         |         |      |         |       |          |        |

- 1 A program product comprising: 2 signal bearing media bearing program code, responsive to a multipoint controller receiving 3 a request to extend an invitation to an ongoing conference call to a first terminal, for 5 attempting to establish a Call Optimization 6 Application (COA) channel between a Multipoint 7 Controller-Call Optimization Application (MC-8 9 COA) and a Call Optimization Application coresident with the first terminal (Terminal-10 11 COA).
  - 66. The program product of Claim 65, wherein said signal bearing media is selected from the group comprising recordable media and transmission media.
  - 67. A program product comprising:
- 2 signal bearing media bearing
- program code for receiving, with a Call

  Optimization Application co-resident with

  a first terminal (Terminal-COA), an

  invitation to the first terminal to join

  an ongoing conference call over a Call

  Optimization Application (COA) channel;
- 9 and
- 10 program code for responding to the invitation
- 11 to join in response to human user input to
- 12 an interface activated in response to the
- invitation.

| 1 | 68. The program product of Claim 67, wherein said |
|---|---|
| 2 | signal bearing media further includes:            |
| 3 | said signal bearing media selected from the group |
| 4 | comprising recordable media and transmission      |
| 5 | media.  |